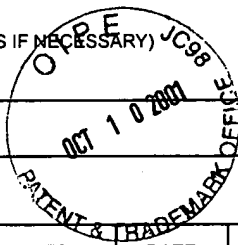


FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. NATURES.018A	APPLICATION NO. 09/852,155
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (USE SEVERAL SHEETS IF NECESSARY)		APPLICANT Peter T. McCarthy	
		FILING DATE May 9, 2001	GROUP 3617



## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
ECG	5384	11/15/1883	Heathorn			
	5,384	12/4/1847	R.A. Tilghman			
	144,538	11/11,1873	Harsen			
	169,396	11/2/1875	O.G. Ahlstrom			
	234,305	05/28/25	Bovey			
	476,092	12/01/37	Valente			
	783,012	02/21/05	Biedermann et al.			
	787,291	unknown	Michiels			
	871,059	11/12/07	Douse			
	998,146	07/18/11	Alfier et al.			
	1,324,722	12/11/1917	William Bergin			
	1,607,857	5/27/1926	F. Zukal			
	1,684,714	08/12/27	Perry			
	2,241,305	02/27/39	Hill, Jr.			
	2,321,009	9/27/1940	O.P. Churchill			
	2,343,468		Messinger			
	2,423,571	07/08/47	Wilen			
	2,588,363	03/11/52	Corlieu			
	2,850,487	9/2/1958	Gaetano F. D'Alello			
	2,865,033	12/23/1958	D.L. Jayet			
	2,889,563	6/9/1959	E.W. Lamb, et. al.			
	2,903,719	9/15/1959	J.L. Wozencraft			
	2,950,487	08/30/60	Woods			
	3,019,458	2/6/1962	E. De Barbieri, et. al.			
	3,055,025	9/25/1962	L. Ferraro, et. al.			
	3,082,442	1959	Cousteau, et al.			

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EXAMINER <b>ED SWINEHART</b>	DATE CONSIDERED <b>5/12/03</b>
<b>PRIMARY EXAMINER</b> *EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED. INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.	

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## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
<i>See</i>	3,084,355	04/09/63	Ciccotelli			
	3,086,492	04/23/63	Holley			
	3,112,503	12/3/1963	B.B. Girden			
	3,171,142		Auzols			
	3,239,857	3/15/1966	Frederick H. Gwynne			
	3,256,540		Novelli			
	3,411,165	11/19/68	Murdoch			
	3,422,470	01/21/69	Mares			
	3,453,981	07/08/69	Gause			
	3,491,997	01/27/70	Winters			
	3,665,535	5/30/1972	Picken			
	3,773,011	11/20/73	Gronier			
	3,922,741	12/02/75	Semeia			
	3,934,290	01/27/76	Le Vasseur			
	4,007,506	2/15/1977	Rasmussen			
	4,025,977	5/31/1977	Cronin			
	4,083,071	04/11/78	Forjot			
	4,193,371	03/18/80	Baulard-Caugan			
	4,197,869	04/15/80	Moncrieff-Yeates			
	4,209,866	7/1/1980	Loeffler			
	4,342,558	08/03/82	Wilson			
	4,521,220	06/04/85	Schoofs			
	4,541,810	09/17/85	Wenzel			
	4,657,515	4/14/1987	Ciccotelli			
	4,689,029	8/25/1987	Ciccotelli			
	4,738,645	04/19/88	Garofalo			

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PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.  
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APPLICATION NO.  
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APPLICANT  
Peter T. McCarthy

FILING DATE  
May 9, 2001

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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
ES	4,752,259	6/21/1988	Tackett, et. al.			
	4,773,885	9/27/1988	Ciccotelli			
	4,775,343	10/4/1988	Lamont, et. al.			
	4,781,637	11/01/88	Caires			
	4,820,218	04/11/89	Van de Pol			
	4,857,024	08/15/89	Evans			
	4,869,696	9/26/1989	Ciccotelli			
	4,895,537	1/23/1990	Ciccotelli			
	4,929,206	5/29/1990	Evans			
	4,934,971	06/19/90	Picken			
	4,940,437	07/10/90	Piatt			
	4,944,703	07/31/90	Mosier			
	4,954,111	09/04/90	Cressi			
	4,954,112	09/04/90	Negrini et al.			
	5,163,859	11/17/92	Beltrani, et al.			
	5,304,081	4/19/1994	Takizawa			
	5,324,219	06/28/94	Beltrani et al.			
	5,356,323	10/18/94	Evans			
	5,358,323	10/25/94	Ripley			
	5,358,439	10/25/1994	Paolo			
	5,387,145	2/7/1995	Wagner			
	5,417,599	05/23/95	Evans			
	5,429,536	7/4/1995	Evans			
	5,435,764	7/25/1995	Testa, et. al.			
	5,443,593	8/22/1995	Garofalo			
	5,522,748	6/4/1996	Cressi			

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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
ES	5,527,197	6/18/1996	Evans			
	5,533,918	7/9/1996	Sanders			
	5,595,518	1/21/1997	Ours			
	5,597,336	1/28/1997	Evans			
	5,746,631	5/5/1998	McCarthy			
	6,050,868	4/18/00	McCarthy			
	6,095,879	8/2000	McCarthy			
	6,126,503	10/3/00	Viale, et al.			
	Des. 278,165	3/26/1985	Evans			
	Des. 302,999	8/22/1989	McCredie			
	Des. 327,933	7/14/1992	Evans			
	Des. 327,934	7/14/1992	Evans			
	Des. 327,935	7/14/1992	Evans			
	Des. 328,118	7/21/1992	Evans			
	Des. 340,272	10/12/1993	Evans			
	Des. 353,181	12/6/1994	Evans			
	Des. 393,684	4/21/1998	Lin			
	Des. 396,897	8/11/1998	Evans			
	Des. 404,456	1/19/1999	Evans			

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## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
ES	1501208	Nov 1967	France				

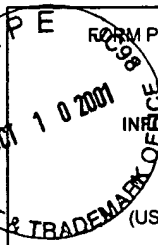
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	APPLICANT Peter T. McCarthy	
	FILING DATE May 9, 2001	GROUP 3617

FOREIGN PATENT DOCUMENTS								
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
ES		DD 259 353 A	08/24/88	Germany				
		FR 2574 748 A	06/20/86	France				
		JP62 134395	06/17/87	Japan				
		SU 1323 463 A	03/13/86	Soviet Union				
		625377	09/19/61	Italy				
		0 308 998	03/29/89	Europe				
		DE 3438808	04/24/86	Germany				
		2 058 941	1971	France				
		2 213 072	1974	France				
		625377	09/19/61	ITALY (with Certified Translation)			X	
		1,245,395	9/26/60	FRANCE (with Certified Translation)			X	
		17,033	1890	England				
		787,291	1935	France				
		1,245,395	1960	France				
		553307	1956	Italy				
		61-6097	1986	Japan				
		1,075 997	1960	Germany				
		1,075 997	1960	Germany (with Certified Translation)			X	
		1,208,636	1959	France				

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EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)
ES	Rossier, Robert N., entitled, "Moving Forward - Getting your best kick in the water can come from a combination of design, efficiency and hydrodynamics in fins". ALERT DIVER, Nov-Dec 1997, pages 26 - 28.
	Triantafyllou, Michael S. and Triantafyllou George S., entitled, "An Efficient Swimming Machine". SCIENTIFIC AMERICAN, March 1995, pages 64-70.
	"3302 of 1880" (Picture From Book-Found in US PTO)

EXAMINER	ED SWINEHART	DATE CONSIDERED	5/12/03
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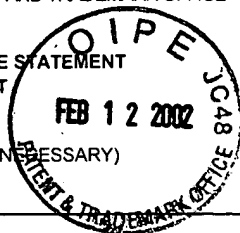
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	APPLICANT Peter T. McCarthy	
	FILING DATE May 9, 2001	GROUP 3617

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)
Eog ↓	"Test Dive" Article in Jan/Feb 1996 issue of <i>Sport Diver Magazine</i>
	"Oceanic V-Drive Fins" in May/Jun. 1996 Issue of <i>Sport Diver Magazine</i>
	Walton and Katz "Application of Leading-Edge Vortex Manipulations to Reduce Wing Rock Amplitudes" <i>Journal of Aircraft</i> Vol. 30, No. 4, pp. 555-559
	Traub and Nurick "Effects of Wing-Tip Vortex Flaps" <i>Journal of Aircraft</i> Vol. 30, No. 4, pp. 557-559
	Grantz and Marchman III "Trailing Edge Flap Influence on Leading Edge Vortex Flap Aerodynamics", <i>Journal of Aircraft</i> Vol. 20, No. 2, pp. 165-169
	Rao "An Exploratory Study of Area-Efficient Vortex Flap Concepts" <i>Journal of Aircraft</i> , Vol. 20, No. 12, pp. 1062-1067
	Lamar and Campbell "Vortex Flaps-Advanced Control Devices for Supercruise Fighters" Jan. 1984, Aerospace America.
	"BZ" bodysurfing fin (Picture), 1 <sup>st</sup> production in 1990
	"Blade Pro" bodysurfing fin (Picture), 1 <sup>st</sup> production 1991
	"Wave Rebel" bodysurfing fin (Picture), 1 <sup>st</sup> production 1994
	Art. 1400 Pinna "Professional" Fin (1989)

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EXAMINER ED SWINEHART PRIMARY EXAMINER	DATE CONSIDERED 5/12/03
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FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. NATURES.018A	<b>COPY OF PAPERS ORIGINALLY FILED</b>	APPLICATION NO. 09/852,155
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (USE SEVERAL SHEETS IF NECESSARY)		APPLICANT Peter T. McCarthy		
		FILING DATE May 9, 2001		GROUP 3617



U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
<i>ecy</i>		5,810,629	9/22/98	Parr			

FOREIGN PATENT DOCUMENTS								
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
ges		2 543 841	April 5, 1983	France				
ecy		1284765	Aug.9, 1972	Great Britain				

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)						

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (USE SEVERAL SHEETS IF NECESSARY)		COPY OF PAPERS ORIGINALLY FILED	
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		GROUP 3617	

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
661	6,146,224	11/14/00	McCarthy			

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## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
661	2 543,841	April 5, 1983	France (certified translation)			X	

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)	

EXAMINER	DATE CONSIDERED
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